DECLARATION FOR PATENT APPLICATION

As a below named inventor, I declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

90 Human Secreted Proteins

the specification of which was filed on February 4, 1999, Application Serial No. 09/244,112.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):

Priority Claimed Yes No

(Number) (Country) (Day/Month/Year Filed)

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

	listed below.						
i i i		Filing Date	Appln No.	14.	,18-Aug-1997	60/055,970	
A. Carrier	1.	05-Aug-1997	60/055,386	15.	19-Aug-1997	60/056,563	
	2.	05-Aug-1997	60/054,807	16.	19-Aug-1997 ,	60/056,557	
	3.	05-Aug-1997	60/055,312	2	19-Aug-1997	60/056,731	
	4.	05-Aug-1997	60/055,309	18.	,	60/056,365	
***************************************	5.	05-Aug-1997	60/054,798	19.		60/056,367	
00.00	6.	05-Aug-1997	60/055,310	20.	. 0	60/056,370	
	7.	05-Aug-1997	60/054,806	21.	; , <i>-</i>	60/056,364	
	8.	05-Aug-1997	60/054,809	22.	19-Aug-1997	60/056,366	
-	9.	05-Aug-1997	60/054,804	23.	19-Aug-1997	60/056,732	
4	10.	05-Aug-1997	60/054,803	24.	19-Aug-1997	60/056,371	
	11.	05-Aug-1997	60/054,808	-			
		05-Aug-1997	60/055,311		·		
	13.	18-Aug-1997	60/055,986				

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PCT/US98/16235
(Application Serial No.)

August 4, 1998 (Filing Date)

pending

Full name of first joint inventor: Steven M. Ruben	
Inventor's signature: Residence: 18528 Heritage Hills Drive, Olney, MD 20832 Post Office Address: same as above	Date: 5/11/99 Citizenship: US
	•
Full name of additional joint inventor: Daniel R. Soppet	4-2-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-
Inventor's signature: Residence: 15050 Stillfield Place, Centreville, VA 22929 Post Office Address: same as above	Date: 5/11/95 - Citizenship: US
Full name of additional joint inventor: Reinhard Ebner Inventor's signature: Residence: 9906 Shelburne Terrace #316, Gaithersburg, MD 20878 Post Office Address: same as above	
rost office radiess.	
Full name of additional joint inventor: Henrik S. Olsen	
Inventor's signature: Residence: 182 Kendrick Place #24, Gaithersburg, MD 20878 Post Office Address: same as above	Date: \\\ \left[lo] \(\left[\reft[\left[\left[\reft[
Full name of additional joint inventor: Paul E. Young	
Inventor's signature: Residence: 122 Beckwith Street, Gaithersburg MD 20878 Post Office Address: same as above	Date: 6/3/99 Citizenship: US

Full name of additional joint inventor: John M. Greene		
•		
Inventor's signature:	Date:	
Residence: 872 Diamond Drive, Gaithersburg, MD 20878	Citizenship:	US
Post Office Address: same as above		
Full name of additional joint inventor: Ann M. Ferrie		
	_	
Inventor's signature:	Date:	
Residence: 120 Fox Run Drive, Tewksbury, MA 01876	Citizenship:	US
Post Office Address: same as above		
Full name of additional joint inventor: Guo-Liang Yu		
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Inventor's signature:	Date:	
Residence: 242 Gravatt Drive, Berkeley, CA 94705	Citizenship:	CN
Post Office Address: same as above	- 1	
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Full name of additional joint inventor: Jian Ni		
This interior determinant Joint Mirenege.	<u></u>	
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Inventor's signature:	Date:	<u> 9/2</u>
Residence: 5502 Manorfield Road, Rockville, MD 20853	Citizenship:	<u>CN</u>
Post Office Address: same as above		
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Full name of additional joint inventor: Craig A. Rosen		
	رسے ہے	1. 115
Inventor's signature: Residence: 22400 Rolling Hill Road, Laytonsville, MD 20882	Date: 5//	<u> </u>
Post Office Address: same as above	Chazenship. 7	/ 03
rost Office Address. Same as above		
Full name of additional joint inventor: Laurie A. Brewer		
Full name of additional joint inventor. Launc A. Blewer		
÷ · · · · · · · · · · · · · · · · · · ·		
Inventor's signature:	Date:	
Residence: 410 Van Dyke St. Apt. 115, St. Paul, MN 55119-4321	Citizenship:	US
Post Office Address: same as above		
' ⁷ '''' **		
ži.		
Full name of additional joint inventor: Fouad Janat		
2		
	-	
Inventor's signature:	Date:	
Residence: 32 Trolley Lane, Westerly, Rhode Island 02891	Citizenship: S	yria
Post Office Address: same as above		

DECLARATION FOR PATENT APPLICATION

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Prior Foreign Application(s):

Priority Claimed Yes No

(Number) (C

(Country)

(Day/Month/Year Filed)

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14.	18-Aug-1997	60/055,970
15.	19-Aug-1997	60/056,563
16.	19-Aug-1997	60/056,557
17.	19-Aug-1997	60/056,731
18.	19-Aug-1997	60/056,365
19.	19-Aug-1997	60/056,367
20.	19-Aug-1997	60/056,370
21.	19-Aug-1997	60/056,364
22.	19-Aug-1997	60/056,366
23.	19-Aug-1997	60/056,732
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PCT/US98/16235

August 4, 1998

pending

(Application Serial No.)

(Filing Date)

Full name of first joint inventor:	Steven W. Ruben	·
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Toronto de aismaturas	*	Date:
Inventor's signature: Residence: 18528 Heritage Hil	Is Drive Olney MD 20832	Citizenship: US
	e as above	
Post Office Address. same	. 43 40010	
Λ.		4
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Full name of additional joint invent	Daniel R. Soppet	
Inventor's signature:	,	Date:
Residence: 15050 Stillfield Pla	ce, Centreville, VA 22020	Citizenship: US
Post Office Address: same	e as above	
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	Daimhard Ehrar	
Full name of additional joint invent	or: Reinhard Ebner	
Inventor's signature:		Date:
Residence: 9906 Shelburne Te	errace #316. Gaithersburg, MD 20	0878 Citizenship: DE
Post Office Address: same	e as above	<u></u>
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Full name of additional joint invent	or: Henrik S. Olsen	
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Tourntaile eigenstrage		Date:
Inventor's signature: Residence: 182 Kendrick Place	e #24 Gaithersburg MD 20878	Citizenship: DK
Post Office Address: sam	e as above	+
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Full name of additional joint invent	or: Paul E. Young	
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Y		Date:
Inventor's signature:	et, Gaithersburg, MD 20878	Citizenship: US
	e as above	Chizenship
rost Office Address: Sam	0 a0 a00 v 0	

Full name of additional joint inventor:	John M. Greene		
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Inventor's signature:	M. Greene	Data Tule	9 11/1
Residence: 872 Diamond Drive, Gaithers		Date: JUNE	
Post Office Address: same as above	Juig, WID 20878	Citizenship:	
same as above			
Full name of additional joint inventor:	Ann M. Ferrie		
			_
Inventor's signature:		Date:	
Residence: 120 Fox Run Drive, Tewksbur	y, MA 01876	Citizenship:	US
Post Office Address: same as above			
·			
Full name of additional joint inventor:	Guo-Liang Yu		
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Inventor's signature:	**************************************	Date:	
Residence: 242 Gravatt Drive, Berkeley, C	A 94705	Citizenship:	CN
Post Office Address: same as above		Chizonomp.	
			
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Full name of additional joint inventor:	Jian Ni		
run name or additional joint inventor.	Jian Ni		
Inventor's signature:		Date:	*
Residence: 5502 Manorfield Road, Rocky	ille, MD 20853	Citizenship:	CN
Post Office Address: same as above		•	
`	* _p		
Full name of additional joint inventor:	Craig A. Rosen		
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Inventor's signature: Residence: 22400 Rolling Hill Road, Layte	anavilla MD 20002	Date:	TIC
Post Office Address: same as above	disvine, MD 20882	Citizenship:	US
Same as above			
Full name of additional joint inventor:	Laurie A. Brewer		
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Inventor's signature:		Date:	
Residence: 410 Van Dyke St. Apt. 115, St	. Paul, MN 55119-4321	Citizenship:	US
Post Office Address: same as above		- •	
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Full name of additional joint inventor:	Fouad Janat		
ABAME OF MANIMUM JOINE HITCHIOI.	i odau Janat		
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Inventor's signature:	J. I.I. 100001	Date:	
Residence: 32 Trolley Lane, Westerly, Rho Post Office Address: same as above	oue island 02891	Citizenship: S	yria

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(Number)

(Country)

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8.	05-Aug-1997	60/054,809
9.	05-Aug-1997	60/054,804
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PCT/US98/16235

August 4, 1998

pending

(Application Serial No.)

(Filing Date)

Full name of first joint invent	tor: Steve	n M. Ruben	▶ }		
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Inventor's signature:		145 20022		Date:	770
	age Hills Drive, Ol	ney, MD 20832		Citizenship:	US
Post Office Address:	same as above			·	
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Full name of additional joint	inventor:	Daniel R. Soppet			
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Inventor's signature:		*		Date:	
	ield Place, Centrevi	lle, VA 22020		Citizenship:	US
Post Office Address:	same as above	I,			
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Full name of additional joint	inventor:	Reinhard Ebner			
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Inventor's signature:				Date:	
Residence: 9906 Shelbi	urne Terrace #316,	Gaithersburg, MD	20878	Citizenship:	DE
Post Office Address:	same as above				
<u>پ</u>					
Full name of additional joint	inventor	Henrik S. Olsen	,		
Tun name of additional Joint	mventor.	TICHTIK 5. OISCII			
A far					
Inventor's signature:				Date:	
Residence: 182 Kendrid	ck Place #24, Gaith	ersburg, MD 2087	8	Citizenship:	DK
Post Office Address:	same as above	<u></u>			
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Full name of additional joint	inventor:	Paul E. Young			
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Inventoria signatura:				Date	
Inventor's signature: Residence: 122 Beckwi	th Street, Gaithersb	ura MD 20070		Date: Citizenship:	US
Post Office Address:	same as above	urg, 1911) 200/0		_ Ciuzensnip:	
1 Ust Office Address.	Saint as above				

Full name of additional joint inventor:	John M. Greene		
	•		
Inventor's signature:		Date:	
Residence: 872 Diamond Drive, Gaithersh	ourg, MD 20878	Citizenship:	US
Post Office Address: same as above			
••			
Full name of additional joint inventor:	Ann M. Ferrie		
Tan name of additional joint inventor.	711111 171. 1 01110		
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Inventor's signature:	h fri	Date: (4)	10/99
Residence: 120 Fox Run Drive, Tewksbur	y, MA 01876	Citizenship:	US
Post Office Address: same as above			
Full name of additional joint inventor:	Guo-Liang Yu		
As the part of the			
	e. '		
Inventor's signature:		Date:	
Residence: 242 Gravatt Drive, Berkeley, C	CA 94705	Citizenship:	CN
Post Office Address: same as above			
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Full name of additional joint inventor:	Jian Ni		
	z.		
Inventor's signature:		Date:	
Residence: 5502 Manorfield Road, Rocky	ille MD 20853	Citizenship:	CN
Post Office Address: same as above	110, 1110 10000	- Citizonamp.	
1	×,		
Full name of additional joint inventor:	Craig A. Rosen		
Inventor's signature:		Date:	
Residence: 22400 Rolling Hill Road, Layte	onsville, MD 20882	Citizenship:	US
Post Office Address: same as above		•	
Table of a distinct inventors	Larmia A Duarran	-	
Full name of additional joint inventor:	Laurie A. Brewer		
7	·		
Inventor's signature:	-	Date:	
Residence: 410 Van Dyke St. Apt. 115, St	t. Paul, MN 55119-4321	Citizenship:	US
Post Office Address: same as above			
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Full name of additional joint inventor:	Fouad Janat		
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Inventor's signature:	1 7 1 00001	Date:	
Residence: 32 Trolley Lane, Westerly, Rho	ode Island U2891	Citizenship: S	yria
Post Office Address: same as above			

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PCT/US98/16235

August 4, 1998

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(Application Serial No.)

(Filing Date)

run name of mst joint inventor.	- 31545	ii Ivi. Rubeli			
Inventor's signature:			I	Date:	
Residence: 18528 Heritage	Hills Drive, Oli	ney, MD 20832	(Citizenship:	US
	ame as above			•	,
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	•				
Full name of additional joint invo	entor:	Daniel R. Soppet			
	•				
Inventor's signature:		~		Date:	
Residence: 15050 Stillfield		lle, VA 22020	•	Citizenship:	US
Post Office Address: sa	ime as above	Îr .			
Full name of additional joint inve	entor:	Reinhard Ebner			
Inventor's signature: Residence: 9906 Shelburne Post Office Address: sa	Terrace #316, ame as above	Gaithersburg, MD	20878	Date: Citizenship:	DE

		-			
Full name of additional joint inve	entor:	Henrik S. Olsen			
1 na. Ys					
Inventor's signature:				Date:	
Residence: 182 Kendrick Pl Post Office Address: sa	ace #24, Gaithe	ersburg, MD 20878		Citizenship:	DK
Tost Office Address.	anc as above				
*					
Full name of additional joint inve	entor:	Paul E. Young			
· ·					
Inventor's signature:				Date:	
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Post Office Address: sa	me as above				

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	•		
Inventor's signature:		Date:	
Residence: 872 Diamond Drive, Gaithers	burg, MD 20878	Citizenship:	US
Post Office Address: same as above			
Full name of additional joint inventor:	Ann M. Ferrie		
Inventor's signature: Residence: 120 Fox Run Drive, Tewksbu	ry, MA 01876	Date: Citizenship:	US
Post Office Address: same as above			
Full name of additional joint inventor:	Guo-Liang Yu		
Inventor's signature:	***	Date: 8/2 /4/	99
Residence: 242 Gravatt Drive, Berkeley, C	CA 94705	Citizenship:	ĆN
Post Office Address: same as above		-	
Full name of additional joint inventor:	Jian Ni	v.	<u>.</u>
Inventor's signature: Residence: 5502 Manorfield Road, Rocky	ille, MD 20853	Date: Citizenship:	CN
Post Office Address: same as above			
Full name of additional joint inventor:	Craig A. Rosen		
Inventor's signature:		Date:	
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Full name of additional joint inventor:	Fouad Janat		·
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INVENTATE CIANOTUTE		Data	
Inventor's signature: Residence: 32 Trolley Lane, Westerly, Rho	ode Island 02801	Date: Citizenship: Syr	

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(Number)

(Country)

(Day/Month/Year Filed)

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below

- "\	Filing Date	Appln No.
1.	05-Aug-1997	60/055,386
2.	05-Aug-1997	60/054,807
3.	05-Aug-1997	60/055,312
4.	05-Aug-1997	60/055,309
5.	05-Aug-1997	60/054,798
6.	05-Aug-1997	60/055,310
7.	05-Aug-1997	60/054,806
8.	05-Aug-1997	60/054,809
9.	05-Aug-1997	60/054,804
10.	05-Aug-1997	60/054,803
11.	05-Aug-1997	60/054,808
12.	05-Aug-1997	60/055,311
13.	18-Aug-1997.	60/055,986

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4 <u>14.</u>	18-Aug-1997	60/055,970
15.	19-Aug-1997	60/056,563
16.	19-Aug-1997	60/056,557
17.	19-Aug-1997	60/056,731
18.	19-Aug-1997	60/056,365
19.	19-Aug-1997	60/056,367
20.	19-Aug-1997	60/056,370
21.	19-Aug-1997	60/056,364
22.	19-Aug-1997	60/056,366
23.	19-Aug-1997	60/056,732
24.	19-Aug-1997	60/056,371
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I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

PCT/US98/16235

August 4, 1998

pending

(Application Serial No.)

(Filing Date)

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I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith A. Anders Brookes (Reg. No. 36,373), Kenley K. Hoover (Reg. No. 40,302); James H. Davis (Reg. No. 40,582), Joseph J. Kenny (Reg. No. 43,710) and Michele M. Wales (Reg. No. 43,975) all of Human Genome Sciences, Inc. 9410 Key West Avenue, Rockville, Maryland, 20850.

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Full name of additional joint inventor:	Fouad Janat		
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Inventor's signature:		Date:	
Residence: 32 Trolley Lane, Westerly, Rho	ode Island 02891	Citizenship: S	yria
Post Office Address: same as above		,	

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

90 Human Secreted Proteins

the specification of which was filed on February 4, 1999, Application Serial No. 09/244,112.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):

Priority Claimed Yes No

(Number) (Country) (Day/Month/Year Filed)

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

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PCT/US98/16235

August 4, 1998

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(Application Serial No.)

(Filing Date)

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